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PATENT & TRADEMARK OFFICE

500.40540X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): T. YAMAMOTO, et al

Serial No.: 09/933,799

Filed: August 22, 2001

For: DISPLAY APPARATUS

Group: 2675

Examiner: A. Awad

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INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97 & 1.98

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

November 23, 2004

Sir:

In the matter of the above-identified application, applicant(s) is/are submitting herewith a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of either a final action or a notice of allowance and is accompanied by the fee of $180.00 set forth in 37 CFR 1.17(p).

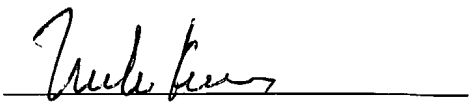
To the extent that, the documents listed on the attached form equivalent to Form PTO-1449, are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents.

11/24/2004 HTECKLU1 00000129 09933799
01 FC:1806 180.00 OP

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (500.40540X00) and please credit any excess fees to such deposit account.

Respectfully submitted,



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Form PTO-1449 Equivalent

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 500.40540X00
Serial No. 09/933,799
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U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.

Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
1999-018054	3/99	Korean		(abstract)
11-202299	7/99	Japan		(abstract)

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Partial translation of Office action issued by Korean Patent Office

Mailing date: November 26, 2003
Response due date: January 26, 2004

Application No. 10-2001-0052469
Title of the invention : Display device

Reason

2. The inventions described in claims 11, 16, 22 and 25 are considered to be readily thought of from the disclosure in the undermentioned publication prior to the filing of this application by those skilled in the art. Therefore, this application falls under the provisions of Article 29.(2) of the Patent Low and thus is not acceptable.

Notes

2. Claims 11, 16, 22 and 25 are characterized in having an identification signal line driving circuit and a storage means for storing said identification signal in the pixel. JP-A-11-202299 (July 30, 1999, reference 1) has a reference voltage generating circuit and shows a structure in which a source drive circuit supplies a gradation signal corresponding to the gradation to be displayed to the switching element display part based on the reference voltage, which shows the same function as the identification signal line driving circuit of the present invention. Accordingly, the present invention is similar to JP-A-11-202299 in structure. The storage means, which is not included in reference 1, is judged to be a simple additional element. The elements such as the selection means, the switching device, the gray scale write line driving circuit, etc. correspond to the design modification for those skilled in the art compared with KR-A-1999-18054 (March 15, 1999, reference 2). The present invention is deemed to be easily made by those skilled in the art (Article 29.(2) of the Patent Low).

November 26, 2003.

Patent Office fourth imaging device examination section
Examiner Go Jhon Uku